

Searching for PHRASE **vertex centered finite volume**.

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www.mathematik.uni-freiburg.de/IAM/homepages/mario/postscript/conv_diff_reac.ps.gz

[Adaptive Finite Volume Discretization of Density Driven.. - Knabner, Tapp, Thiele \(1998\) \(Correct\) \(4 citations\)](#)

#Figure 1. **Vertex-centered finite volume**. Following the so called

finite volume. Following the so called **vertex-centered finite volume** methods, we construct a dual mesh of

www.iam.fmph.uniba.sk/amuc/_vol-67/_no_1/_knabner/knabner.ps.gz

[Stability And Existence Of Solutions Of Time-Implicit.. - Fuhrmann, Langmach \(1998\) \(Correct\) \(2 citations\)](#)

this paper, we use a Voronoi box based **vertex centered finite volume** method, also called covolume or

we only mention here midpoint box based **vertex centered finite volume** methods [FKTT97] and cell centered

www.wias-berlin.de/WIAS_publ_preprints_nr437.PS

[Finite Volume Methods on Voronoi Meshes - Mishev \(Correct\) \(10 citations\)](#)

have been reported for quadrilateral **vertex-centered finite volume** difference schemes [25, 22, 33, 31]

www.isc.tamu.edu/iscpubs/9609.ps

[A Multigrid Method For Steady Euler Equations On Unstructured .. - Kris Riemslagh \(1993\) \(Correct\) \(4 citations\)](#)

splitting technique is used. A **vertex-centered finite volume** method is employed on a triangular

an unstructured triangular grid. In the **vertex-centered finite volume** method nodes are located at the

www.mgnet.org/mgnet/Conferences/CopperMtn93/riemslagh_dick.ps.gz

[Hybrid Modelling of Coupled Pore Fluid-Solid Deformation.. - Sakaguchi, Mühlhaus \(Correct\) \(2 citations\)](#)

is hybrid in the sense that we use a **vertex centered finite volume** formulation for the analysis of the

is hybrid in the sense that we use a **vertex centered finite volume** formulation for the discretisation of

quakes.earth.uq.edu.au/ACES_WS/steffen/sakaguchi/sakaguchi.ps

[Convergence of finite volume schemes for.. - Eymard.. \(Correct\) \(1 citation\)](#)

been undertaken. In the case of **vertex-centered finite volume** schemes, studies were carried out by

armstrong.univ-mrs.fr/~herbin/Public/madrid2.ps

[Finite volume approximation of elliptic problems and.. - Eymard, Gallouet, Herbin \(Correct\)](#)

been undertaken. In the case of **vertex-centered finite volume** schemes, studies were carried out by

www.cmi.univ-mrs.fr/~herbin/PUBLI/convgrad98.ps

[Discrete Sobolev Inequalities and L p Error.. - Coudière.. \(1998\) \(Correct\)](#)

references therein for studies on the "**vertex-centered**" finite volume method, and to [3]4]14] and

armstrong.univ-mrs.fr/~herbin/Public/sob98.ps

[A finite volume scheme for solving elliptic boundary.. - Anthonissen, Hof.. \(Correct\)](#)

elliptic type, and discuss a standard **vertex-centered finite volume** technique for discretizing this law

V i j .In #1 we apply, as in #a **vertex-centered finite volume** method, i.e. we first introduce a

4.2. Remark 6 In Section 3.2, a **vertex-centered finite volume** method has been used for both the

ftp.win.tue.nl/pub/local/newan/rana/rana98-4.ps.gz

[Finite volume discretizations of density driven flows in porous.. - Frolkovic \(1996\) \(Correct\)](#)

3, 91058 Erlangen, Germany abstract A **vertex centered finite volume** method for the coupled nonlinear

quadrilaterals. Following so called "**vertex centered**" finite volume methods, we construct a dual mesh by

im 1 G im 2 x m i V x i Figure 2: **Vertex centered finite volume**. Integrating [1] and [2] over a

www.am.uni-erlangen.de/~frolkovi/papers/france.ps.gz

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 an evolution equation for cell averages **finite volume discretizations** appear to be particularly well suited
[elc2.igpm.rwth-aachen.de/pub/mueller/igpm_159.ps.Z](#)

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 finite difference, finite element or **finite volume discretizations** of PDEs for problems in computational
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[Some Upwinding Techniques For Finite Element Approximations .. - Randolph Bank Josef \(1990\) \(Correct\) \(17 citations\)](#)
 associated with a rotation by $\pi/2$. While **finite volume discretizations** may be written as upwinded Galerkin
[scicomp.ucsd.edu/pub/reb/reports/a53.ps.gz](#)

[An evaluation of parallel multigrid as a solver and a.. - Oosterlee, Washio \(1996\) \(Correct\) \(6 citations\)](#)
 are investigated and evaluated for **finite volume discretizations** on fine grids. The methods have been
[mgnet.ccs.uky.edu/mgnet/www/mgnet/Conferences/CMCIM96/oosterlee-washio.ps.gz](#)

[Sparse Matrix Libraries in C++ for High Performance Architectures - Jack Dongarra \(1994\) \(Correct\) \(4 citations\)](#)
 finite difference, finite element, or **finite volume discretizations** of PDEs (e.g. in computational
[www.netlib.org/utk/papers/oonski94.ps](#)

[The Perfectly Matched Layer in Curvilinear Coordinates - Collino, Monk \(1996\) \(Correct\) \(2 citations\)](#)
 Finite element, finite difference or **finite volume discretizations** of scattering problems are faced with
[ftp.inria.fr/INRIA/publication/publi-ps-gz/RR/RR-3049.ps.gz](#)

[Preconditioned Krylov Subspace Methods for Solving.. - Jun Zhang Department \(1998\) \(Correct\) \(1 citation\)](#)
 may arise from finite element or **finite volume discretizations** of various formulations of 2D or 3D
[www.cs.engr.uky.edu/~jzhang/pub/REPORT/krylov.ps.gz](#)

[Linear and Non-linear Iterative Methods for the.. - Clift, Forsyth \(1993\) \(Correct\) \(2 citations\)](#)
 no modification for finite element or **finite volume discretizations** on unstructured meshes. The most
[cs-archive.uwaterloo.ca/cs-archive/CS-93-02/CS-93-02.ps.Z](#)

[simulation of 3D electromagnetic - Problems Using Potentials \(Correct\)](#)
 of the $\nabla \times$ operator. We develop a **finite volume discretization** on a staggered grid, and the scheme
[www.geop.ubc.ca/~haber/maxg_v17.ps](#)

[Natural Finite Volume Discretizations Of The Gradient.. - Robidoux \(1997\) \(Correct\)](#)
 Natural **Finite Volume Discretizations** Of The Gradient, Divergence,
[www.math.sfu.ca/~nrobidou/public_html/prints/oldthesis/oldthes.ps.gz](#)

[Dynamic Optimization Of Chemically Reacting Stagnation Flows - Raja, Kee, Serban, Petzold \(Correct\)](#)
 operators are approximated using **finite-volume discretizations**. The semi-discrete equations form a
[www.engineering.ucsb.edu/~cse/Files/RajaEtAl99.pdf](#)

[Development of an Agglomeration Multigrid Algorithm with.. - Lassaline, Zingg \(Correct\)](#)
 requires the development of generalized **finite-volume discretizations** on polygonal cells as encountered
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Coupling mixed and finite volume discretizations of.. - Lazarov, Pasciak.. (Correct)
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www.isc.tamu.edu/iscpubs/9907.ps

A Study of Cell--Center Finite Volume Methods for Diffusion.. - Weizhang Huang And (1998) (Correct)
Abbreviated title. Cell-center **Finite Volume Discretizations** 1 Introduction Although the ideas
titania.math.ukans.edu/~reports/1998/papers/981001.huang.ps.gz

Finite Volume Discretizations of Convection-Diffusion.. - Erik Sterner (Correct)
Finite Volume Discretizations of Convection-Diffusion Equations at
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The High-Level Communications Library CLIC - Ritzdorf (Correct)
CFD codes using finite difference or **finite volume discretizations** fall into this class of applications.
www.ccrl-nece.technopark.gmd.de/~ritzdorf/ftp/article_clic_3d.ps

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